

PIOCHE WEEKLY RECORD,

Published every Saturday by

H. E. Freudenthal,
LESSEE.

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MODERN BACTERIOLOGY.

What Science Knows About the "Motes
That People See."

Our knowledge in no department of science has made greater strides during the last few years than in that of bacteriology. The existence of organisms far smaller than any thing that the naked eye can discern was, says Chambers' Journal, a fact little suspected until comparatively recent times; and ever since the microscope first revealed to our eyes the world of "the infinitely little," as it has been felicitously called, our knowledge of these microscopic forms of life has gone on increasing.

These micro-organisms exist in the atmosphere and in water; but it is only within the last few years that we have had any means of arriving at an approximate idea of the extent to which they are present in these media. It is in the first instance to the brilliant investigations of M. Pasteur that we owe our knowledge on this point; and the important experiments he was the first to carry out have been developed and extended by others. Prof. Tyndall has shown that in calm air a rapid subsidence of these microbes takes place. The distinguished German physiologist, Dr. Koch, has devised a method by means of which we are enabled to form an estimate of the number of these micro-organisms present in a measured quantity of either water or air. The method consists in cultivating the germs in a solid medium (gelatine is most commonly used). Each organism thus grows and multiplies on the spot where it is planted, as it is prevented from moving. The progeny of each micro-organism in this way gather round the parental home, and we have in the course of a short time, instead of the single organism, a large colony.

Some interesting experiments were made on this point a short time ago by Dr. P. F. Frankland. The air was tested at different places and under different circumstances. It was found that the number of organisms present in the atmosphere differed at different seasons of the year, the largest proportion being found during the summer months. In a certain volume of air (two gallons) collected on the top of the Science and Art Department buildings at South Kensington, one hundred and five of these micro-organisms were found to be present. This was in the month of August. Indoors, of course, the number is very much greater. Thus, in a similar quantity of air collected at the rooms of the Royal Society during a conversation, no fewer than four hundred and thirty-two were found to be present; while another experiment showed that from the air of a third-class railway carriage containing ten people no fewer than three thousand one hundred and twenty microbes fell per minute on a square foot.

So much for the living organisms in our atmosphere; now for a word or two on the dead inorganic particles in the air. These are infinitely more numerous than the living germs; and an extremely ingenious method has recently been devised by Mr. John Aitken, F.R.S.E., for the purpose of estimating their number. Like the organic germs, they are infinitely minute in size, most of them being altogether undetected by the most powerful microscope. It was necessary, therefore, to have recourse to some method of making them visible. The plan adopted was as follows: The air to be tested was admitted into a large glass vessel, where it was saturated with water-vapor; then supersaturated by slightly expanding it by means of an air-pump. The result was a fog; and as it is known that a fog is caused by those dust-particles becoming surrounded by a watery envelope, the number of fog-particles shows the number of dust-particles. The counting of these fog-particles was effected in the following way: A very small portion of the air to be tested was mixed with a large quantity of air which had been rendered absolutely pure by filtering it through cotton-wool. The mixture was then admitted into a large glass receiver and saturated as above described. As the dust-particles were so few, instead of a fog a small miniature rain was formed, and the number of these small raindrops falling on a small silver mirror was counted, and, by a simple calculation, the amount in the quantity of air originally admitted thus estimated. The following are some results obtained: It was found that the air outside during rain contained per cubic inch 521,000 dust-particles; that during fair weather the number present was

more than four times that amount; while inside a room near the ceiling 88,346,000 were counted. The dust-particles seem, however, to be most numerous near a gas flame, for it was found that in a cubic inch of air taken from the immediate vicinity of a Bunsen flame, the colossal number of 489,000,000 were present. In Mr. Aitken's own words: "It does seem strange that there may be as many dust-particles in one cubic inch of the air of a room at night when the gas is burning as there are inhabitants of Great Britain; and that in three cubic inches of the gases from a Bunsen flame there are as many particles as there are inhabitants in the world."

John's Idea of Importance.

In China a person's rank is indicated by the size of his visiting card. A huge yellow card is the sign of a Prince. Admiral Porter not long ago gave a state dinner in Washington, and Ah Sin, a Chinese servant, was assigned to duty in attendance at the door. The small bits of pasteboard presented by the visitors received but scant courtesy from Ah Sin, but when the gas collector presented a bill the Celestial's demeanor underwent a change. The long yellow slip captured Ah Sin, and with profound salaams he bowed the astonished gasman into the presence of the amazed family and irate head of the navy.

How She Was Dressed.

"The bride wore an appropriate and becoming dress of gray grow grain silk, and a fishoo of white Valention's lace, with long veil of white tool," was the description a rural editor gave of the bride's appearance at a wedding. The bride herself gave him the description, and he took it down by the sound, and as he was his own compositor it was published just as he wrote it.

ARE YOU SUPERSTITIOUS?

Find Out by Asking Yourself the Following Twenty Questions.

1. Do you believe in witches, sprites, elves, fairies, vampires, ghouls, ogres, imps, gnomes, bogles, brownies, pixies or leprechauns?
2. Do you believe in an evil genius?
3. Do you believe in an evil eye?
4. Do you believe in a bottomless pit?
5. Do you believe in a devil with horns, cloven feet and a long spiked tail?
6. Would you pass a night in a graveyard, with a corpse in a church or in a charnel house?
7. Do you wear any thing which can be considered in the nature of a talisman or mascot?
8. Did you ever employ any thing as a talisman?
9. Do you attach any meaning to a four-leaved clover?
10. Would you willingly pass under a ladder?
11. Do you feel uncomfortable when you spill salt?
12. Would you sit down with thirteen at a table?
13. Would you start on a trip on a Friday, or would you defer commencing any important work on that day?
14. Do you attach any particular importance to certain numbers, especially to three, seven and nine?
15. Would you give a child of yours the same name as that of one who had just died?
16. Are you afraid of the dark?
17. Did you ever have your fortune told by gypsy, astrologer, cards or similar tests?
18. Were you ever made uneasy by hearing the insect commonly known as the death-watch?
19. Would you venture to knock three times at midnight on the door of an empty church?
20. Do you believe in dreams, omens, portents, signs, warnings, harbingers or handwritings on the wall.

He Had Nothing to Say.

A well-known society girl had a queer experience with a midnight marauder not long ago, says the San Francisco Examiner. She was awakened at about two o'clock in the morning by a noise in her room. She is a plucky little thing, so she sat up and said: "Who's there?" No answer. "Who's there?" she demanded again. Silence was the only reply. "Why don't you speak?" she cried, nervously. "I ain't got any thing to say," came in meek tones from the would-be thief, as he hurriedly slid out of the door.

Fashions in Bed-Clothes.

The latest caprice of rich and dainty ladies is a penchant for silk sheets, richly embroidered in delicate silk flosses. One of these costly affairs is a pale lavender, with a wreath of violet tulle embroidered around it and violet lace ties fastened in the corners. The heavy quilt beneath is filled with lavender-colored down, sprinkled with dried violets. A new bed-spread, in marked contrast, is made of linen sheeting embroidered all over with white silk in bold conventional designs wrought out in "short and long," or "grandmother's stitch."

THE PIOCHE WEEKLY RECORD.

VOL. XXXIX.

PIOCHE, NEV., SATURDAY JUNE 7, 1890.

NO. 12

MISCELLANEOUS.

PHILADELPHIA

BREWERY,

Main Street,..... Pioche,

P. C. WEBER,

PROPRIETOR,

IMPORTED AND DOMESTIC

WINES.

LIQUORS

AND CIGARS

ESPERIAN

DRUG STORE.

JOHN SHIER,

Druggist and Apothecary,

—Sells—

PURE DRUGS,

Choicest Toilet Articles,

PATENT MEDICINES

—AND—

STATIONERY.

THE LARGEST STOCK OF FINEST QUALITY

GARDEN & FLOWER SEEDS

Ever Brought Into The County
Has Just been Received,

And Will be Sold at Moderate Prices.

I have a Complete Stock of

Spectacles and Eye Glasses.

You Can Also Buy of Me a

GOOD CIGAR.

JOHN SHIER,

Postoffice, Main St., Pioche, Nev.

Pioche Hotel,

EVERYTHING FIRST CLASS.

Special arrangements for Food and Lodging
can be had on application.

Mrs. P. H. Taylor.

Proprietress.

WIN more money than at anything else by
taking an agency for the best selling
book out. Beginners succeed grandly.
None fail. Terms free. HALL'S BOOK
Co., Portland, Maine.

MISCELLANEOUS.



THE PIOCHE.

MEAT MARKET!

Main Street, Pioche, Nevada.

COOK BROS. & CO.,

Proprietors.

KEEPS CONSTANTLY ON HAND THE BEST

BEEF,

MUTTON,

VEAL,

PORK,

Etc., etc.

Reasonable prices to cash and free delivery
to all parts of town.

PIONEER

Livery Stable,

MEADOW VALLEY STREET,

Pioche - - Nevada

JOSEPH COOK.

PROPRIETOR.

CONSTANTLY ON HAND AND TO LET ON

Short notice.

Teams, Buggies and

Saddle Horses,

AT LOW RATES.

Stock boarded by the day or week and carefully groomed.

PIOCHE BREWERY.

Lager Beer of excellent quality by the keg or bottled.

5 Gallon Keg - - - \$3 50.

Bottled Beer, per dozen \$2 50.

Fresh yeast constantly on hand.

DR. A. J. LOUIER.

Physician and Surgeon.

Has located in Pioche and will practice his profession.

Office at residence, Upper Main Street.

Notice for Publication.

[LAND OFFICE AT EUREKA, NEVADA.]

May 6, 1890.

NOTICE IS HEREBY GIVEN THAT THE

following named settler has filed notice

of his intention to make final proof in sup-

port of his claim, and that said proof will be

made before District Court of Nevada, at

Pioche, on Monday, June 30, 1890, viz:

Homestead Entry, No. 290, of Joseph Con-

way, for the southwest quarter of northeast

quarter of southeast quarter and

north half of southwest quarter, Sec. 25, T.

4, South of R. 66, East.

He names the following witnesses to prove

his continuous residence upon, and cultivation

of, said land, viz:

Names of Witnesses. Residence.

Samuel Kershaw of Meadow Valley, Nev.

W. H. Carlow of Pioche, Nev.

E. D. Turner of Pioche, Nev.

Wm. Calverwell of Pioche, Nev.

5-17. D. H. Hall, Register.

Blank Location Notices for Sale

at This Office.

MISCELLANEOUS.

MASONIC BALL,

UNDER THE AUSPICES OF



ST. JOHN'S LODGE NO. 18, F. & A. M.,

—AND—

KEYSTONE CHAPTER NO. 6, R. A. M.

TO BE GIVEN AT

BROWN'S HALL.

PIOCHE,

—ON—

TUESDAY EVENING JUNE 24th, 1890,

ST. JOHN'S DAY.

COMMITTEE OF ARRANGEMENTS,

T. J. Osborne, D. C. Clark,

P. H. Taylor, W. R. McFadden.

COMMITTEE ON INVITATIONS,

D. C. Clark, John Roeder,

Mrs. P. H. Taylor.

RECREATION COMMITTEE,

E. D. Turner, Mark Church,

Chas. Ellis.

COMMITTEE ON REFRESHMENTS,

Mrs. P. H. Taylor, Mrs. John Roeder.

Mrs. T. J. Osborne, Mrs. W. R. McFadden

Mrs. Georgia Fulk, Mrs. Alfred Godbe,

Mrs. I. Osborne.

FLOOR DIRECTOR,

W. R. McFadden.

FLOOR MANAGERS,

E. D. Turner, A. A. Young.

TICKETS. - - - \$1.50.

To be had at the Post Office and the usual

places about town.

Grand march to commence at 9 o'clock sharp.

CARL SCHUMAN,

Photographer.

Is open at the Old Gallery, on Main Street.

CABINETS, per doz. \$6.00

" " " 1-2 " \$4.00

Portraits taken instan-

taneously.

Satisfaction guaranteed.

Photographs.

BOOTH & SONS

are now at work opposite the Pioche Hotel.

We give a proof within two hours of operating

and do not proceed with work until a satis-

factory negative is obtained, and deliver our

work within three days.

CABINETS, per dozen, \$5.50

" " " 1-2 " \$3.00

See our samples in town of parties you are

acquainted with and judge for yourself.

Give us a call and a chance and we are

bound to please you.

JAMES BOOTH & SONS.

P. S. We work on week days only.

NOTICE.

All accounts due me for work done to date

while in the Carman blacksmith shop have

been transferred to H. E. Freudenthal, who

will collect and receipt for the same.

Pioche, Nev. May 27, 1890. H. D. SPICER.

to be made. Cut this out and re-

turn to us, and we will send you

free, something of great value and

importance to you, that will start

you in business which will bring you in more

money right away than anything else in this

world. Any one can do the work and live at

home. Either sex; all ages. Something new

that just costs money for all workers. We will

start you; capital not needed. This is one of

the genuine, important chances of a lifetime.

Those who are ambitious and enterprising will

not delay. Grand outfit free. Address: T. H. &

Co., Augusta, Maine.

MISCELLANEOUS.

GEO. S. SAWYER,

Attorney & Counsellor-at-Law,

Office: Lynch's Block,

PIOCHE, NEVADA.

OFFICIAL DIRECTORY.

United States Government.

President..... Benjamin Harrison
Vice President..... Levi P. Morton
Secretary of State..... James G. Blaine
Secretary of Treasury..... Wm. Windom
Secretary of War..... Richard Froese
Secretary of Navy..... S. E. Tracy
Postmaster-General..... John W. Wadsworth
Secretary of Interior..... J. W. Noble
Attorney General..... W. H. Miller
Secretary of Agriculture..... J. M. McKim

State of Nevada.

United States (..... John D. Jones
Senators (..... Wm. M. Stewart
Congressman..... H. E. Bartine
Governor..... C. C. Stevenson
Lieutenant Governor..... C. C. Davis
Justices Supreme Court (..... T. P. Hawley
..... C. H. Bellows
..... M. A. Murphy
Clerk Supreme Court..... C. F. Bicknell
State Treasurer..... George Tufts
Secretary of State..... John M. Dorman
State Controller..... J. F. Hallock
Attorney General..... John F. Alexander
Surveyor General..... John E. Jones
State Printer..... J. C. Barlow
Supt. Public Instructions..... W. C. Dovey
..... R. R. Blevins
..... Richard Rising
District Judge..... A. L. Fitzgerald
..... T. H. Wells

Lincoln County.

Judge District Court..... T. H. Wells
State Senator..... G. S. Sawyer
Assemblymen (..... J. P. Foulde
..... O. L. Lee
Sheriff..... E. D. Turner
Assessor..... John Roeder
County Clerk..... J. C. Kelly
Auditor and Recorder..... John Shier
District Attorney and ex-officio School
Superintendent..... T. J. Osborne
Treasurer..... W. J. Dooley
Public Administrator..... J. O. Gelabert
County Commissioners (..... L. Ryphus
..... H. W. Turner
..... A. A. Conway

Pioche Township.

Justice of the Peace..... A. A. Young
Constable..... S. D. Smith
School Trustees (..... D. C. Clark
..... S. H. Carman
..... C. B. Ball